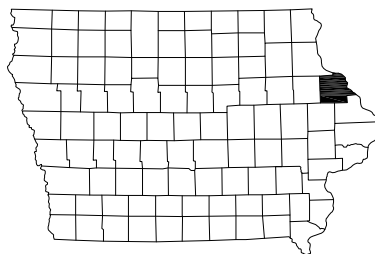


PROJECT #09-03-31-10



DIRECTORY			
PROJECT MANAGER		CONSTRUCTION INSPECTOR	
COMPANY	IOWA DEPARTMENT OF NATURAL RESOURCES	COMPANY	IOWA DEPARTMENT OF NATURAL RESOURCES
ADDRESS	956 E MAIN	ADDRESS	956 E MAIN
CITY,STATE,ZIP	NEW HAPTON, IA 50319	CITY,STATE,ZIP	NEW HAPTON, IA 50319
CONTACT	MEL PACOVSKY	CONTACT	MEL PACOVSKY
TELEPHONE	319-240-3553	TELEPHONE	319-240-3553
FAX		FAX	
EMAIL	Mel.Pacovsky@dnr.iowa.gov	EMAIL	Mel.Pacovsky@dnr.iowa.gov

PROJECT DESCRIPTION

THIS PROJECT INVOLVES FULL DEPTH H.M.A PAVEMENT FINISH JOINT PATCHES AND FULL DEPTH H.M.A FINISH PATCHES AT MINES OF SPAIN SRA OTHER INCIDENTAL WORK AS REQUIRED BY D.N.R CONSTRUCTION INSPECTOR IN DUBUQUE COUNTY, IOWA.

<h2 style="margin: 0;">AUTHORIZATION TO BID</h2>	
<div style="border-top: 1px solid black; margin-top: 10px; padding-top: 5px;"> AUTHORIZATION – PARKS WILDLIFE FISHERIES LAW ENFORCEMENT FOREST </div>	
<div style="border-top: 1px solid black; margin-top: 10px; padding-top: 5px;"> ENGINEERING BUREAU CHIEF </div>	<div style="border-top: 1px solid black; margin-top: 10px; padding-top: 5px;"> DATE </div>

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CONSULTANT:

IOWA DEPARTMENT OF
NATURAL RESOURCES

ENGINEERING SERVICES - WALLACE BUILDING
502 E. 9TH ST., DES MOINES, IA 50319-0034



COVER SHEET

H.M.A PAVEMENT JOINT REPAIR FOR:

MINES OF SPAIN SRA

DUBUQUE COUNTY, IA

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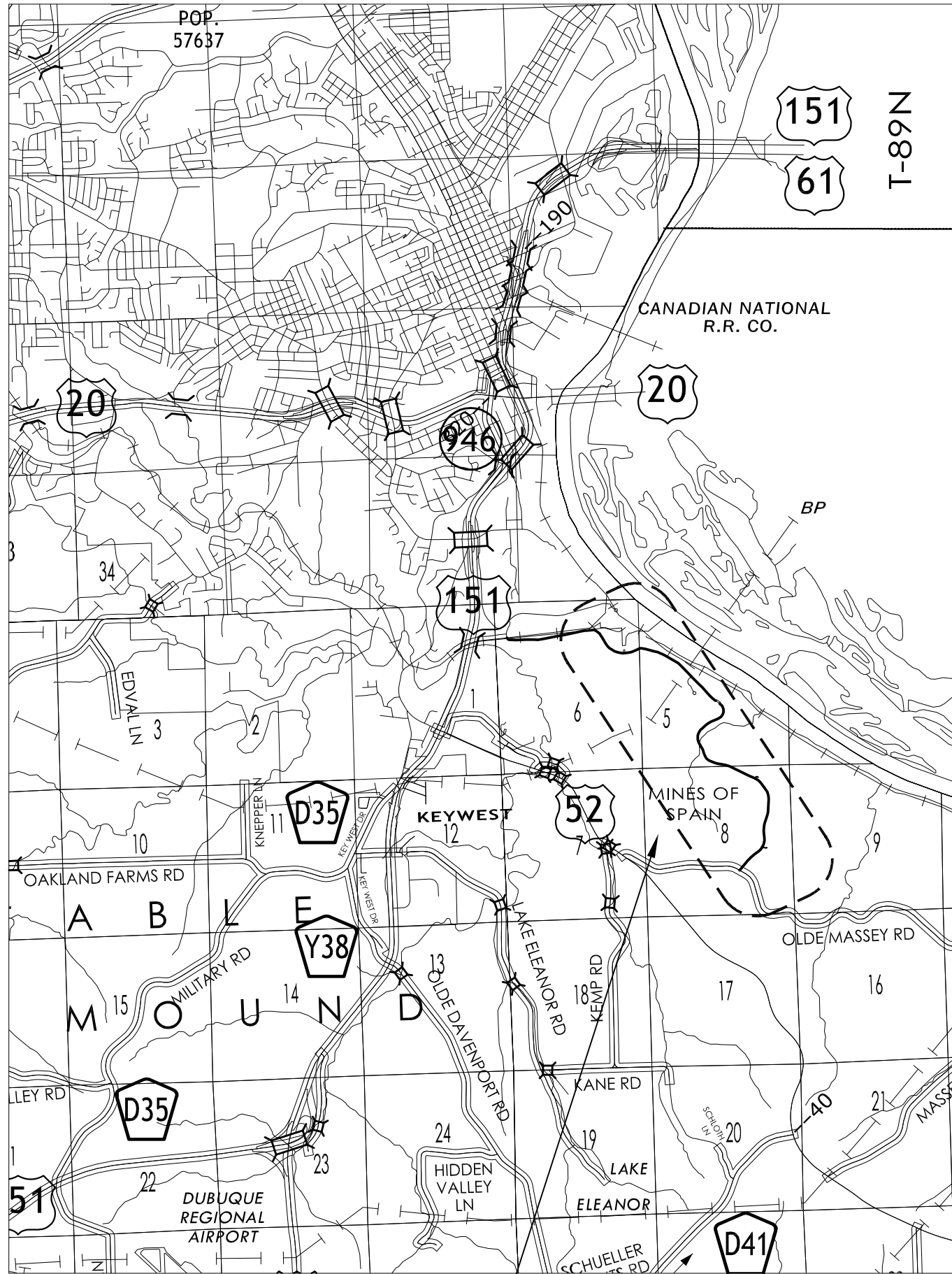
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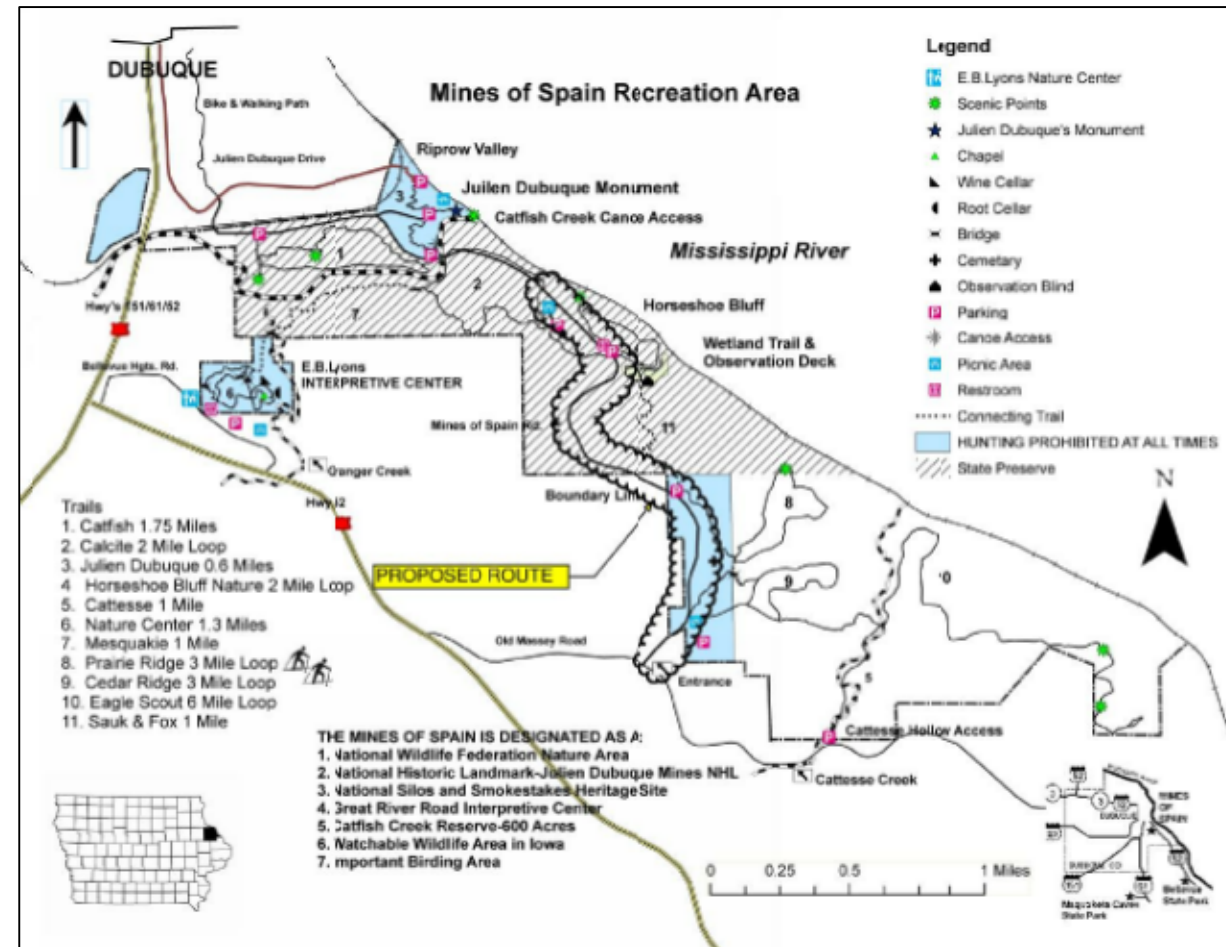
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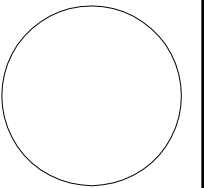


PROJECT LOCATION



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CONSULTANT:



IOWA DEPARTMENT OF
NATURAL RESOURCES

ENGINEERING SERVICES - WALLACE BUILDING
502 E. 9TH ST., DES MOINES, IA 50319-0034



PROJECT LOCATION

H.M.A PAVEMENT JOINT REPAIR FOR:

MINES OF SPAIN SRA

DUBUQUE COUNTY, IA

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E.S. 09-03-31-10
CHK'D BY: DATE:
H.D. NOV/2015

SHEET No:

A.02



Two connectors near the top of the pipe section. For details of reinforcement, refer to AASHTO M 170 for the class of pipe required.



OPTIONAL BOLTS/CONNECTORS



PIPE SIZE (in.)	CONNECTOR AND BOLT SIZE (in.)	HOLE FOR CONNECTOR (in.)
12 to 27	$\frac{5}{8}$	$\frac{7}{8}$
30 to 60	$\frac{3}{4}$	1.0
66 to 132	1.0	1 $\frac{1}{4}$



Possible Tabulation:
104-3

MODIFIED	REVISION	
		10-20-1
STANDARD ROAD PLAN	DR-121	
	SHEET 1 of 2	
MODIFICATIONS:		
APPROVED BY DESIGN METHODS ENGINEER		
CONNECTED PIPE JOINTS		

TYPE 1 CONNECTION

IOWA DEPARTMENT OF
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DETAILS

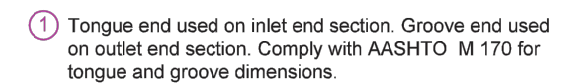
H.M.A PAVEMENT JOINT REPAIR FOR:

MINES OF SPAIN SRA

DUBUQUE COUNTY, IA

NO.	BY DATE	REVISION
DRAWN BY:	E.S.	PROJECT NO. 09-
CHK'D BY:	H.D.	DATE: NO
SHEET No:		

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B.02

GENERAL NOTES:

ITEM	DESCRIPTION
A.	<p>The contractor shall notify the following two weeks prior to construction:</p> <ol style="list-style-type: none"> 1. District Inspector: MEL PACOVSKY 309-240-3553 2. Project Manager: MEL PACOVSKY 309-240-3553
B.	The contractor shall verify actual locations and elevations with the D.N.R Inspector.
C.	All work shall conform to and be performed in accordance with all applicable codes and ordinances.
D.	The contractor shall visit the site and inspect the project area and thoroughly familiarize themselves with the actual job conditions prior to the start of work. Failure to visit the project site shall not relieve the contractor from performing the work in accordance to the plans, specifications, special provisions and contract.
E.	The contractor shall verify, at the site, all dimensions and conditions shown on the plans and shall notify the D.N.R Inspector of any discrepancies, omissions and/or conflicts prior to proceeding with the work.
F.	The contractor is responsible for disposal for excess material (excavated material or broken concrete) which is not desirable to be incorporated into the work involved on this project. No payment for overhaul will be allowed for material hauled to these sites. No material shall be placed within the right-of-way, unless specifically stated in the plans or approved by the D.N.R Inspector.
G.	The contractor shall not disturb desirable grass areas and desirable trees outside construction limits. The contractor will not be permitted to park or service vehicles and equipment or use these areas for storage of materials. Storage, parking and service areas will be subject to the approval of the D.N.R inspector.
H.	The contractor is expected to have materials, equipment and labor available on a daily basis to install and maintain erosion control features on the project.
I.	The contractor shall be responsible for any damage to existing facilities resulting from their negligence, or that of a subcontractor, and said repairs shall be approved by the owner.

**IOWA DEPARTMENT OF
NATURAL RESOURCES**

ENGINEERING SERVICES - WALLACE BUILDING
502 E. 9TH ST., DES MOINES, IA 50319-0034



GENERAL NOTES

HMA PAVEMENT JOINT REPAIR FOR:
MINES OF SPAIN

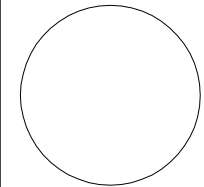
DUBUQUE COUNTY, IA

NO.	BY DATE	REVISION
DRAWN BY:	PROJECT NUMBER:	
E.S.	09-03-31-10	
CHK'D BY:	DATE:	
H.D.	NOV/2015	

ESTIMATED PROJECT QUANTITIES			
ITEM	DESCRIPTION	UNIT	TOTAL
1	MOBILIZATION	L.S	1
2	FULL DEPTH HMA FINISH JOINT PATCHES BY COUNT	EACH	130
3	FULL DEPTH HMA FINISH PATCHES	S.Y	190
4	REMOVE CONCRETE PATCH	L.S	1
5	TRAFFIC CONTROL	L.S	1
6	SUB-BASE REPAIR	S.Y	25
7	REMOVE EXISTING 24" CULVERT AND APRONS	L.S	1
8	24" DIA. CONCRETE CULVERT AND CONNECTORS	L.F	60
9	24" DIA. CONCRETE APRONS AND CONNECTORS	EACH	2

ESTIMATE REFERENCE INFORMATION:	
THE FOLLOWING SPECIAL CONDITIONS APPLY TO THE CONTRACT PROJECT 09-03-31-10, HMA PAVEMENT JOINT REPAIR, MINES OF SPAIN SRA, DUBUQUE COUNTY IA.	
ITEM	DESCRIPTION
1.	THIS PROJECT CONSIST OF FULL DEPTH H.M.A PAVEMENT FINISH JOINT PATCHES AND FULL DEPTH H.M.A FINISH AS PER IOWA D.O.T STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION SERIES 2015, SECTION 2528 TRAFFIC CONTROL AND 2529 FULL DEPTH FINISH PATCHES WITH THE FOLLOWING MODIFICATIONS.
2.	<u>BID ITEM NO. 2</u> FULL DEPTH H.M.A FINISH JOINT PATCHES BY COUNT SHALL BE MINIMUM 3' WIDE AND MAXIMUM 4' AND DEPTH TO BE SAME AS EXISTING. IF THE CONDITIONS ARE FIELD ENGINEER IS SUCH THAT THE WIDTH OF THE PATCH NEEDS TO BE WIDER, THE EXTRA WIDTH WILL BE PAID AS ITEM 3 FULL DEPTH H.M.A FINISH PATCH BY S.Y
3.	<u>BID ITEM NO.3</u> FULL DEPTH H.M.A FINISH PATCH BY S.Y SHALL BE A MINIMUM OF 6" DEPTH AND IS TO BE CONSIDERED TO BE PATCHES THAT MAY RUN LONGITUDINALLY ALONG THE EDGE OF THE ROADWAY AND/OR TRANSVERSELY ACROSS THE ROADWAY. LOCATION AND SIZE WILL BE DETERMINED ON SITE DURING CONSTRUCTION. REPLACEMENT OF THE P.C.C CONCRETE PATCH IS INCLUDED IN THIS ITEM.
4.	<u>BID ITEM NO.4</u> REMOVE CONCRETE PATCH, THIS CONSIST OF 18 LF X 20 LF CONCRETE PATCH TO BE REMOVED AND DISPOSED OF BY THE CONTRACTOR. PATCHING SHALL BE PAID AS PER ITEM BID ITEM NO.3.
5.	<u>BID ITEM NO.5</u> TRAFFIC CONTROL. THROUGH TRAFFIC MAY BE CLOSED IN THE CONSTRUCTION AREA FOR PUBLIC USE DURING CONSTRUCTION OPERATION MONDAY THROUGH FRIDAY. CLOSURES SHALL BE PLACED SO PUBLIC HAS A TURN AROUND IN A PARKING LOT OR ROADWAY. A 'NO THROUGH TRAFFIC' SIGN SHALL BE ERECTED AT EACH END OF ROAD WHEN THE ROAD IS CLOSED.
6.	<u>BID ITEM NO.6</u> SUB-BASE REPAIR IS TO BE USED IN THE EVENT THAT FIELD ENGINEER DETERMINES THAT UPON THE REMOVAL OF PAVEMENT THE SUB-BASE REQUIRES TO BE REPLACED. A MINIMUM OF 6" DEEP SHALL BE REMOVED AND REPLACED WITH SUITABLE MATERIAL AS PER IOWA D.O.T STANDARD SPECIFICATION SERIES 2015

CONSULTANT:



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ENGINEERING SERVICES - WALLACE BUILDING
502 E. 9TH ST., DES MOINES, IA 50319-0034



ESTIMATED QUANTITIES

HMA PAVEMENT JOINT REPAIR FOR:
MINES OF SPAIN

DUBUQUE COUNTY,IA

NO.

BY

DATE

REVISION

DRAWN BY:

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PROJECT NUMBER:

09-03-31-10

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